

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	517	(stylus or pen or light \$1pen) AND ((edge or periphery) near2 sensor) AND (laser or coherent)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:52
L2	82	l1 and ("178".clas. or "345".clas.)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:53
L3	119144	("178".clas. or "345".clas.)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:54
L4	116	l3 AND ((edge or periphery) near2 sensor) AND (laser or coherent)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:54
L5	73	l4 and (radiat\$4 or electro \$1magnetic)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:58
L6	5	l4 and (radiat\$4 with electro\$1magnetic)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 10:58
L7	0	("2002/0097222").URPN.	USPAT	ADJ	ON	2011/01/08 11:05
L8	8	("20020024500"   "5138304"   "5554980"   "5793353"   "5926168"   "5949403"   "6130664"   "6404416"   "6529189").PN.	USPAT	ADJ	ON	2011/01/08 11:06
L9	1	"20030107748".pn.	US-PGPUB; USPAT	ADJ	ON	2011/01/08 11:12
L13	61	(US-20050110781-\$ or US-20010050872-\$ or US-20010031067-\$ or US-20050110703-\$ or US-20050024336-\$ or US-20020191947-\$ or US-20010030638-\$ or US-20010024178-\$ or US-20050133700-\$ or US-20050062410-\$ or US-20040217260-\$ or US-20040039298-\$ or US-20030030003-\$ or US-20020180968-\$ or US-20020090184-\$ or US-20050111240-\$ or US-20030096302-\$ or US-20040086198-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2011/01/08 11:26

		20040070565-\$ or US- 20030197690-\$ or US- 20010038065-\$ or US- 20020042699-\$ or US- 20040021645-\$ or US- 20020097222-\$ or US- 20030107748-\$).did. or (US-6404416-\$ or US- 6153836-\$ or US-6094188- \$ or US-6081255-\$ or US- 6028649-\$ or US-5959617- \$ or US-5949402-\$ or US- 5926168-\$ or US-5892501- \$ or US-5506605-\$ or US- 5448261-\$ or US-5227965- \$ or US-5122656-\$ or US- 4320292-\$ or US-4766424- \$ or US-6570160-\$ or US- 6597348-\$ or US-6453100- \$ or US-6184850-\$ or US- 4952031-\$ or US-3947842- \$ or US-5321259-\$ or US- 6172667-\$ or US-6124585- \$ or US-4827436-\$ or US- 4868551-\$).did. or (US- 6441362-\$ or US-6407809- \$ or US-4912317-\$ or US- 4794634-\$ or US-7298367- \$ or US-5619253-\$ or US- 6714310-\$ or US-6437314- \$ or US-6184863-\$ or US- 3848089-\$).did.				
L14	25	l13 AND (lambert\$4)	US-PGPUB; USPAT	ADJ	ON	2011/01/08 11:26
S1	17	("20010031067"   "20010050872"   "20050110781"   "4320292"   "5122656"   "5227965"   "5448261"   "5506605"   "5892501"   "5926168"   "5949402"   "5959617"   "6028649"   "6081255"   "6094188"   "6153836"   "6404416"). PN.	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:04
S2	2876	(lambert\$4 or lambertian) WITH (surface or panel or sheet or layer)	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:06
S3	429	S2 WITH (scatter\$4 or non \$1scatter\$4)	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:06
S4	0	S3 AND (optical guide WITH scatter\$3)	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:26

S5	0	S3 AND ((optical guide) WITH scatter\$3)	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:27
S6	226	S3 AND ((optical or guide) WITH scatter\$3)	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:27
S7	10	S6 and "345".clas.	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:28
S8	112318	"345".clas. or "178".clas.	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:28
S9	10	S6 and S8	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:28
S10	234	S2 and S8	US-PGPUB; USPAT	ADJ	ON	2010/07/01 09:28
S11	19	("4320292").URPN.	USPAT	ADJ	ON	2010/07/01 11:08
S12	4294	optical guide	US-PGPUB; USPAT	ADJ	ON	2010/07/02 05:57
S13	112318	"345".clas. or "178".clas.	US-PGPUB; USPAT	ADJ	ON	2010/07/02 05:57
S14	79	S13 and S12	US-PGPUB; USPAT	ADJ	ON	2010/07/02 05:57
S15	2876	(lambert\$4 or lambertian) WITH (surface or panel or sheet or layer)	US-PGPUB; USPAT	ADJ	ON	2010/07/02 08:24
S16	237	S15 and (edge WITH (sensor or detect\$4))	US-PGPUB; USPAT	ADJ	ON	2010/07/02 08:24
S17	27	S15 AND (optical\$1guide or optical guide)	US-PGPUB; USPAT	ADJ	ON	2010/07/02 11:07
S18	17	(US-20050110781-\$ or US-20010050872-\$ or US-20010031067-\$).did. or (US-6404416-\$ or US-6153836-\$ or US-6094188-\$ or US-6081255-\$ or US-6028649-\$ or US-5959617-\$ or US-5949402-\$ or US-5926168-\$ or US-5892501-\$ or US-5506605-\$ or US-5448261-\$ or US-5227965-\$ or US-5122656-\$ or US-4320292-\$).did.	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:27
S19	4	(US-20030030003-\$ or US-20050024336-\$ or US-20030096302-\$).did. or (US-3947842-\$).did.	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:28
S20	21	S18 or S19	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:28
S21	5	S20 AND (lambert\$3)	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:28

S22	474	(edge WITH sensor) AND (lambert\$3)	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:38
S23	387	S22 and (light)	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:38
S24	387	S22 and (light)	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:42
S25	15	S22 AND ("178".CLAS. or "345".CLAS. or "725".CLAS.)	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:44
S26	1	"20010038483".pn.	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:47
S27	3	"4346376".pn. or "4484179".pn. or "4868551".pn.	US-PGPUB; USPAT	ADJ	ON	2011/01/05 08:51
S28	139	(lambert\$3 WITH (panel or surface)) AND ((edge or peripher\$2) WITH (sensor or detector))	US-PGPUB; USPAT	ADJ	ON	2011/01/05 09:03
S29	39	("3579225"   "3613066"   "3621268"   "3659281"   "3673327"   "3777153"   "3891890"   "4190831"   "4305071"   "4346376"   "4367465"   "4484179"   "4542375"   "4673918"   "4686332"   "4707689"   "4733022"   "4766424"   "4779025"   "4816811"   "4851616"   "4868551"   "4963859"   "5196836"   "5376946"   "5428367"   "5515083"   "5568579"   "5736686").PN. OR ("6172667").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/05 09:41
S30	38	S29 and (stylus or pen or beam or light or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/05 09:42
S31	37	S29 and (stylus or pen or beam or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/05 09:43
S32	2	(edge WITH sensor) AND (lambert\$3) AND S30	US-PGPUB; USPAT	ADJ	ON	2011/01/05 09:44
S33	15	S30 AND ((sensor or detector) WITH (edge or periph\$4))	US-PGPUB; USPAT	ADJ	ON	2011/01/05 09:45

S34	17	("3673327"   "3845826"   "3847262"   "4305071"   "4346376"   "4459476"   "4484179"   "4521771"   "4542375").PN. OR ("4868551").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/05 09:52
S35	1	"6441362".pn.	US-PGPUB; USPAT	ADJ	ON	2011/01/05 11:21
S36	4	(lambert\$3) WITH (scatter\$3 or redirect\$3 or re\$1direct\$3 or reflect\$3) AND (edge sensor or periphery sensor)	US-PGPUB; USPAT	ADJ	ON	2011/01/07 09:01
S37	325	(lambert\$3) WITH (scatter\$3 or redirect\$3 or re\$1direct\$3 or reflect\$3) AND (stylus or pen or light\$1pen)	US-PGPUB; USPAT	ADJ	ON	2011/01/07 09:10
S38	325	((lambert\$3) WITH (scatter\$3 or redirect\$3 or re\$1direct\$3 or reflect\$3)) AND (stylus or pen or light\$1pen)	US-PGPUB; USPAT	ADJ	ON	2011/01/07 09:10
S39	4	("4794634"   "5148155"   "6479100"   "6680251").PN.	US-PGPUB; USPAT	ADJ	ON	2011/01/07 09:23
S40	62	("4794634").URPN.	USPAT	ADJ	ON	2011/01/07 09:26
S41	1	("5619253").URPN.	USPAT	ADJ	ON	2011/01/07 11:05
S42	555	(stylus or pen or light\$1pen) AND ((edge or periphery) sensor)	US-PGPUB; USPAT	ADJ	ON	2011/01/07 11:06
S43	5	S42 and lambert\$3	US-PGPUB; USPAT	ADJ	ON	2011/01/07 11:07
S44	153	S42 and (scatter\$3 or diffus\$3)	US-PGPUB; USPAT	ADJ	ON	2011/01/07 11:08
S45	2	("5341155"   "5499098").PN.	US-PGPUB; USPAT	ADJ	ON	2011/01/07 11:27
S46	6	("5341155"   "5499098").PN. OR ("6900791").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/07 11:31
S47	1	"7075524".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/07 11:32
S48	1	"20040021654".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/07 11:32

S49	1	"20040021645".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/01/07 11:33
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**EAST Search History (I nterference)**

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Optical input edge detection.wsp**